



PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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|-------|---|----|---|------------------------|-------------------------------|
| Sheet | 1 | of | 1 | Application Number     | 10/791,190                    |
|       |   |    |   | Filing Date            | March 2, 2004                 |
|       |   |    |   | First Named Inventor   | Frank L. Hall                 |
|       |   |    |   | Group Art Unit         | 1725                          |
|       |   |    |   | Examiner Name          | S. Heinrich                   |
|       |   |    |   | Attorney Docket Number | 2269-4718.3US (00-0316.03/US) |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| S.H.                  |                          | US-4,767,049                               | 08/30/1988                     | Butt et al.  |   |
|                       |                          | US- 5,858,229                              | 08/12/1997                     | Tanimoto et al.                                    |   |
|                       |                          | US- 5,868,271                              | 02/02/1999                     | Stueber et al.                                     |   |
|                       |                          | US- 5,883,437                              | 03/18/1999                     | Maruyama et al.                                    |   |
|                       |                          | US- 6,544,816                              | 04/08/2003                     | Lim et al.   |   |
|                       |                          | US- 2002/0030281 A1                        | 03/14/2002                     | Rolda et al.                                       |   |
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|-----------------------|--------------------------|---|--------------------------------|---|---|----------------|
|                       |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |   |   |                |
| S.H.                  |                          | JP403101141A  | 04/25/1991                     | Kawada et al.   |   | X              |
|                       |                          | EP472768A   | 03/04/1992                     | Beer et al.   |   | X              |
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| Examiner<br>Signature | S. Heinrich | Date<br>Considered | May 12, 2007 |
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| Sheet | 1 | of | 2 |
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| Filing Date            | March 2, 2004                 |
| First Named Inventor   | Frank L. Hall                 |
| Group Art Unit         | 1725                          |
| Examiner Name          | S. Heinrich                   |
| Attorney Docket Number | 2269-4718.3US (00-0316.03/US) |

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

Σ Heinrich

Date Considered

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| Group Art Unit | 1725 |
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| Examiner Name | S. Heinrich |
|---------------|-------------|

Sheet 2 of 2

|                        |                                |
|------------------------|--------------------------------|
| Attorney Docket Number | 2269-4718.31US (00-0316.03/US) |
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S. Heinrich

May 12, 2007

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Sheet

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of

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Application Number

10/791,190

**Filing Date**

**March 2, 2004**

First Named Inventor

**Frank L. Hall**

### Group Art Unit

1725

**Examiner Name**

**S. Heinrich**

Attorney Docket Number

2269-4718.3US (00-0316.03/US)

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| enl                    |                          | US-3,913,216                               | 10/21/1975                     | Ballonoff  |   |
|                        |                          | US- 4,514,898                              | 05/07/1985                     | Przybysz et al.                                    |   |
|                        |                          | US- 5,310,624                              | 05/10/1994                     | Ehrlich  |   |
|                        |                          | US- 6,437,052 B1                           | 08/20/2002                     | Iwasa et al.                                       |   |
|                        |                          | US- 6,720,522 B2                           | 04/13/2004                     | Ikegami et al.                                     |   |
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|                        |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |   |   |                |
|                        |                          | JP 360015985A   | 01/1985                        | Fujitsu Ltd   |   | X              |
|                        |                          | JP 360123084A   | 07/1985                        | Matsushita Electric                                   |   | X              |
|                        |                          | JP 383117421A   | 05/1988                        | Nikon Corp  |   | X              |
|                        |                          | JP 407030121A   | 01/1995                        | Sanyo Electric  |   | X              |
|                        |                          | JP 409325385A   | 12/1997                        | Hitachi Ltd   |   | X              |
|                        |                          | JP 2000012728A  | 01/2000                        | Sony Corp   |   | X              |
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|                    |                       | JP 360015983A   |  | 01/1985                        | Fujitsu Ltd   |   | X              |
|                    |                       | JP 360123084A   |  | 07/1985                        | Matsushita Electric                                   |   | X              |
|                    |                       | JP 383117421A   |  | 05/1988                        | Nikon Corp  |   | X              |
|                    |                       | JP 407030121A   |  | 01/1995                        | Sanyo Electric  |   | X              |
|                    |                       | JP 409325365A   |  | 12/1997                        | Hitachi Ltd   |   | X              |
|                    |                       | JP 2000012728A  |  | 01/2000                        | Sony Corp   |   | X              |
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